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NPIC/P&DS/D/6-804
18 February 1966

MEMORANDUM FOR THE RECORD

SUBJECT: Evaluation of Advanced Rear-Projection View Proposals

REFERENCE: Development Objectives for Advanced Rear-Projection
Viewer dated 28 October 1965

25X1 1. From a technical standpoint, it appears that the proposal submitted by the [] is the most complete; however, even they ignore some aspects of development. Specifically, [] makes no effort to incorporate an automatic film loading capability; an improvement over existing rear-projection viewers which is extremely desirable. 25X1

2. Of important interest was the proposal submitted by [] They propose to develop the system, with exception to resolution (and it is realistically doubted that anyone can develop a better system) as outlined in the development objectives. Their effort would be limited to [] Fixed Price vs [] cost type effort. 25X1 25X1 [] proposal suffered from deficiencies in the following three technical areas:

a. Cooling of the film. They believe that there is no requirement for a liquid gate.

b. Automatic film loading. Although a simplified front loading system is proposed, it is not even semi-automatic which would be the minimum requirement.

c. Automatic Focusing. [] does not believe that their optical system requires automatic focusing for the film will be adequately held in the focal plane of the lens. 25X1

25X1 3. Because of the extreme difference in price it is recommended that [] be approached with these deficiencies in mind and determine if they would, in fact, undertake the program as proposed with these modifications at a level of effort of about [] Fixed Price. 25X1 Their bid states, "we would be willing to negotiate a fixed price contract of under [] for the total program based on mutually acceptable specific performance requirements." If this recommendation is followed, it is necessary to determine if [] is willing to develop an instrument to NPIC's specifications and what would be mutually acceptable performance requirements. 25X1

Declass Review by NGA.

Development Branch, P&DS, ISS

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